AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1. (Canceled)

Claim 2. (Canceled)

Claim 3. (Presently amended) A print medium having increased resistance to gasfade, comprising:

an inhibitor comprising a sulfur-containing polymer incorporated into the print medium, wherein the inhibitor has a molecular weight greater than approximately 1000, ~~The print medium of claim 1,~~ wherein the inhibitor comprises poly(1,4-phenylene sulfide) or poly(1,3-phenylene sulfide).

Claim 4. (Presently amended) A print medium having increased resistance to gasfade, comprising:

an inhibitor comprising a sulfur-containing polymer incorporated into the print medium, wherein the inhibitor has a molecular weight greater than approximately 1000, ~~The print medium of claim 1,~~ wherein the inhibitor is present in a concentration from approximately 0.25% by weight per cm^2 of the print medium to approximately 30% by weight per cm^2 of the print medium.

Claim 5. (Canceled)

Claim 6. (Presently amended) The print medium of claim ~~1~~ 4, wherein the inhibitor forms a film on at least a surface of the print medium.

Claim 7. (Presently amended) The print medium of claim ~~1~~ 4, wherein the print medium comprises a plain paper, a porous print medium, or a swellable print medium.

Claim 8. (Withdrawn) A method of forming a print medium having increased resistance to gasfade, comprising:

providing a print medium; and incorporating an inhibitor comprising a sulfur-containing polymer into the print medium.

Claim 9. (Withdrawn) The method of claim 8, wherein providing a print medium comprises providing a plain paper, a porous print medium, or a swellable print medium.

Claim 10. (Withdrawn) The method of claim 8, wherein incorporating an inhibitor comprising a sulfur-containing polymer into the print medium comprises heating the inhibitor to a temperature above its melting point and applying the melted inhibitor to a surface of the print medium.

Claim 11. (Withdrawn) The method of claim 8, wherein incorporating an inhibitor comprising a sulfur-containing polymer into the print medium comprises incorporating poly(1,4-phenylene sulfide) or poly(1,3-phenylene sulfide) into the print medium.

Claim 12. (Withdrawn) The method of claim 8, wherein incorporating an inhibitor comprising a sulfur-containing polymer into the print medium comprises incorporating an inhibitor into the print medium in a concentration from approximately 0.25% by weight per cm^2 of the print medium.

Claim 13. (Withdrawn) The method of claim 8, wherein incorporating an inhibitor comprising a sulfur-containing polymer into the print medium comprises incorporating an inhibitor having a molecular weight greater than approximately 1000 into the print medium.

Claim 14. (Withdrawn) The method of claim 8, wherein incorporating an inhibitor comprising a sulfur-containing polymer into the print medium comprises incorporating an inhibitor having a melting point ranging from approximately 125°C to approximately 400°C and a glass transition temperature ranging from approximately 75°C to approximately 250°C.

Claim 15. (Withdrawn) The method of claim 8, wherein incorporating an inhibitor comprising a sulfur-containing polymer into the print medium comprises incorporating an inhibitor into at least a surface of the print medium.

Claim 16. (Withdrawn) A method of producing a printed image having increased resistance to gasfade, comprising:

depositing inkjet ink onto a print medium; and

incorporating an inhibitor comprising a sulfur-containing polymer into the print medium.

Claim 17. (Withdrawn) The method of claim 16, wherein depositing inkjet ink onto a print medium comprises depositing a dye-based or a pigment-based inkjet ink onto the print medium.

Claim 18. (Withdrawn) The method of claim 16, wherein depositing inkjet ink onto a print medium comprises undercoating the inkjet ink or overcoating the inkjet ink.

Claim 19. (Withdrawn) The method of claim 16, wherein incorporating an inhibitor comprising a sulfur-containing polymer into the print medium comprises incorporating poly(1,4-phenylene sulfide) or poly(1,3-phenylene sulfide) into the print medium.

Claim 20. (Withdrawn) The method of claim 16, wherein incorporating an inhibitor comprising a sulfur-containing polymer into the print medium comprises incorporating poly(1,4-phenylene sulfide) or poly(1,3-phenylene sulfide) into the print medium.

Claim 21. (Previously presented) A print medium having increased resistance to gasfade, comprising:

an inhibitor comprising a sulfur-containing polymer incorporated into the print medium, wherein the inhibitor has a melting point ranging from approximately 125°C. to approximately 400°C and a glass transition temperature ranging from approximately 75°C to approximately 250°C.

Claim 22. (Previously presented) The print medium of claim 21, wherein the inhibitor comprises poly(1,4-phenylene sulfide) or poly(1,3-phenylene sulfide).

Claim 23. (Previously presented) The print medium of claim 21, wherein the inhibitor is present in a concentration from approximately 0.25% by weight per cm^2 of the print medium to approximately 30% by weight per cm^2 of the print medium.

Claim 24. (Previously presented) The print medium of claim 21, wherein the inhibitor has a molecular weight greater than approximately 1000.

Claim 25. (Previously presented) The print medium of claim 21, wherein the inhibitor forms a film on at least a surface of the print medium.

Claim 26. (Previously presented) The print medium of claim 21, wherein the print medium comprises a plain paper, a porous print medium, or a swellable print medium.

Claim 27. (Canceled)

Claim 28. (Currently amended) A print medium having increased resistance to gasfade, comprising:

an inhibitor comprising a sulfur-containing polymer incorporated into the print medium, wherein the inhibitor is present in a concentration from ap-

proximately 0.25% by weight per cm^2 of the print medium to approximately 30% by weight per cm^2 of the print medium;

~~The print medium of claim 27,~~ wherein the inhibitor comprises poly(1,4-phenylene sulfide) or poly(1,3-phenylene sulfide).

Claim 29. (Currently amended) The print medium of claim ~~27~~ 28, wherein the inhibitor has a melting point ranging from approximately 125°C. to approximately 400°C and a glass transition temperature ranging from approximately 75°C to approximately 250°C.

Claim 30. (Currently amended) The print medium of claim ~~27~~ 28, wherein the inhibitor has a molecular weight greater than approximately 1000.

Claim 31. (Currently amended) The print medium of claim ~~27~~ 28, wherein the inhibitor forms a film on at least a surface of the print medium.

Claim 32. (Currently amended) The print medium of claim ~~27~~ 28, wherein the print medium comprises a plain paper, a porous print medium, or a swellable print medium.

Claim 33. (Previously presented) A print medium having increased resistance to gasfade, comprising:

an inhibitor comprising poly(1,4-phenylene sulfide) or poly(1,3-phenylene sulfide) incorporated into the print medium.